OIPE IAP83 OCT 0 2 2006 PATENT & TRADEMARK OFFICE

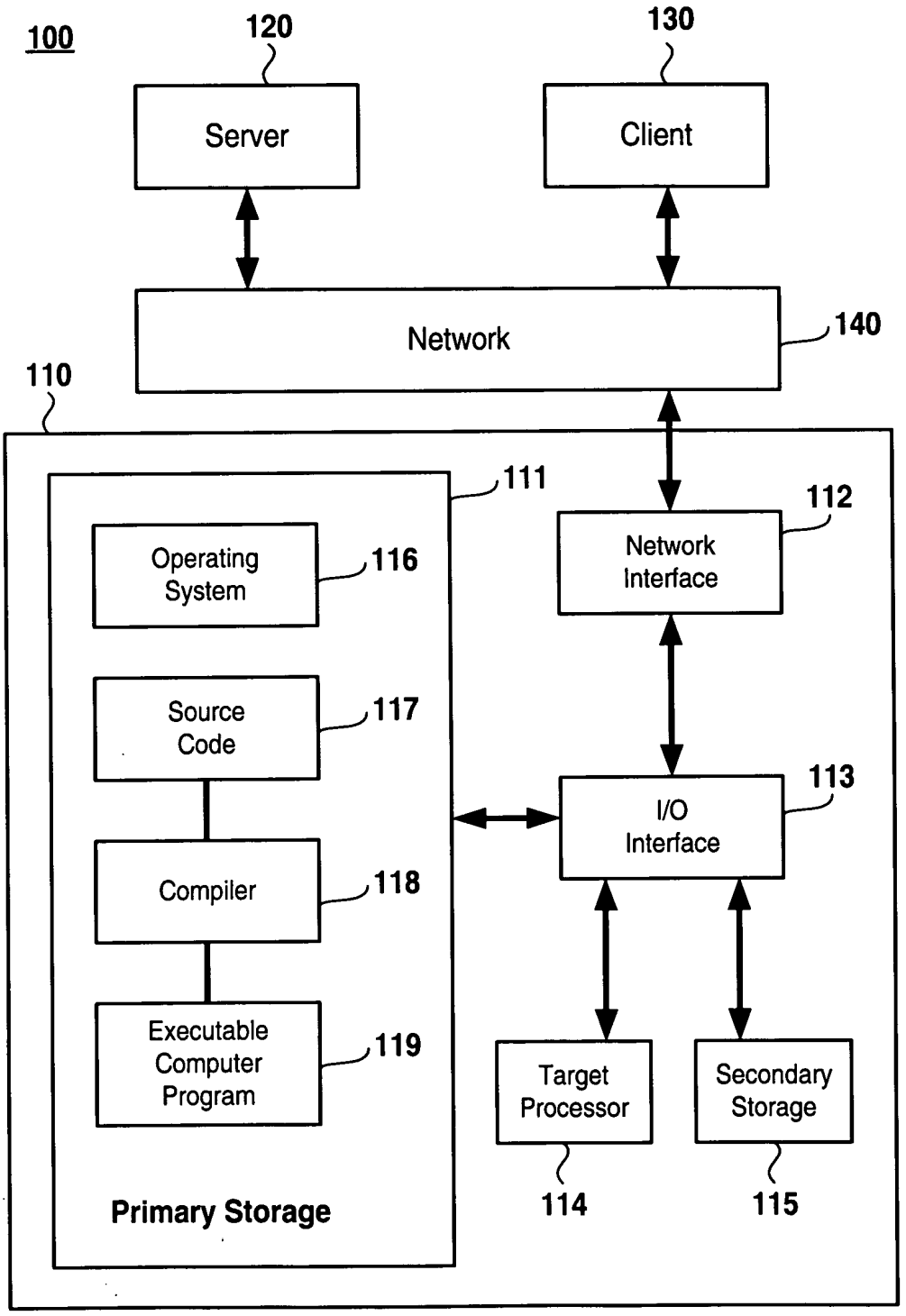

FIG. 1

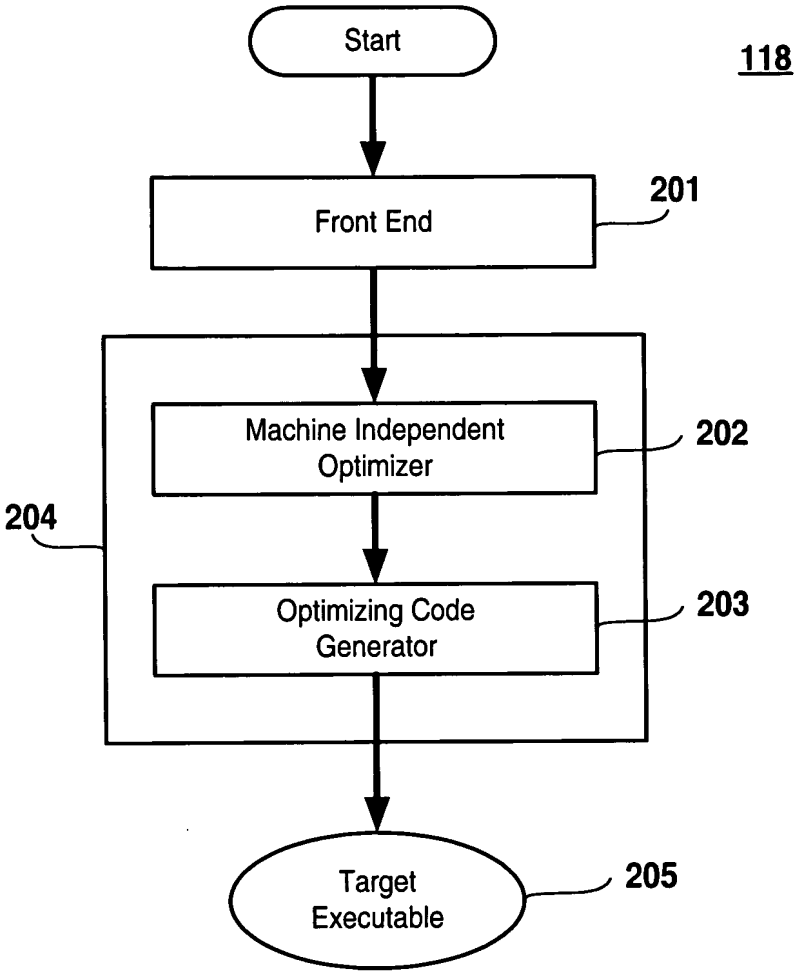
Start
118
Front End
201
Machine Independent Optimizer
202
204
Optimizing Code Generator
203
Target Executable
205

FIG. 2

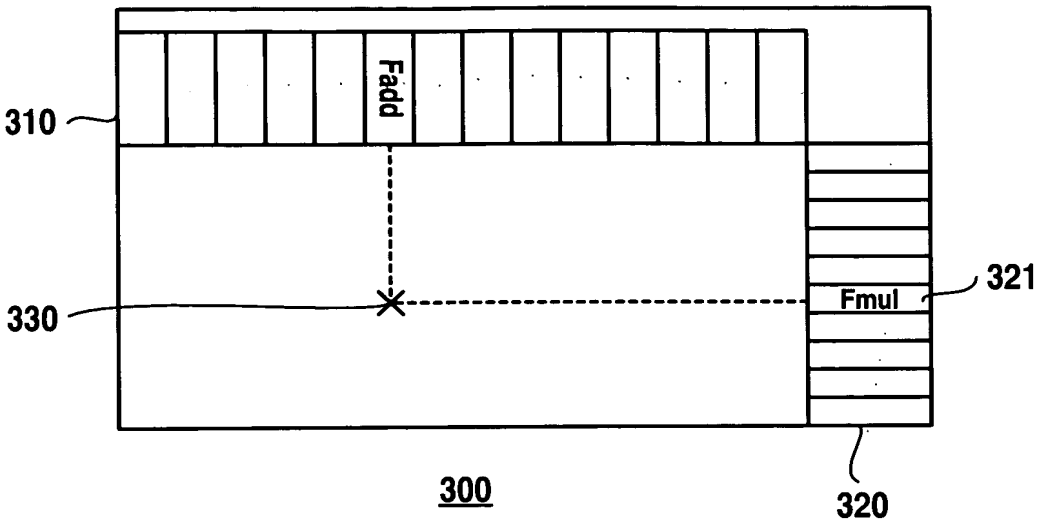
Fadd
310
330
Fmul
321
300
320

FIG. 3

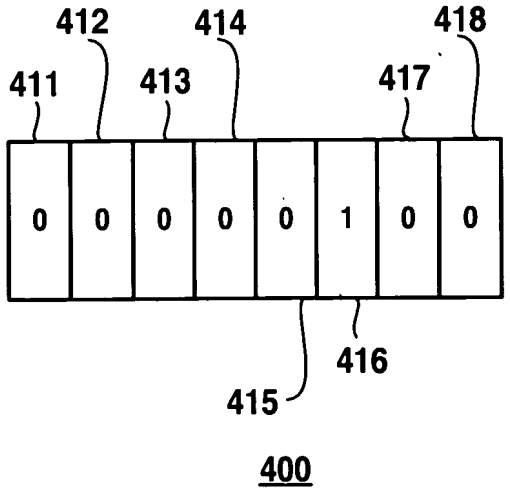
412
414
418
411
413
417
0 0 0 0 0 1 0 0
416
415
400

FIG. 4

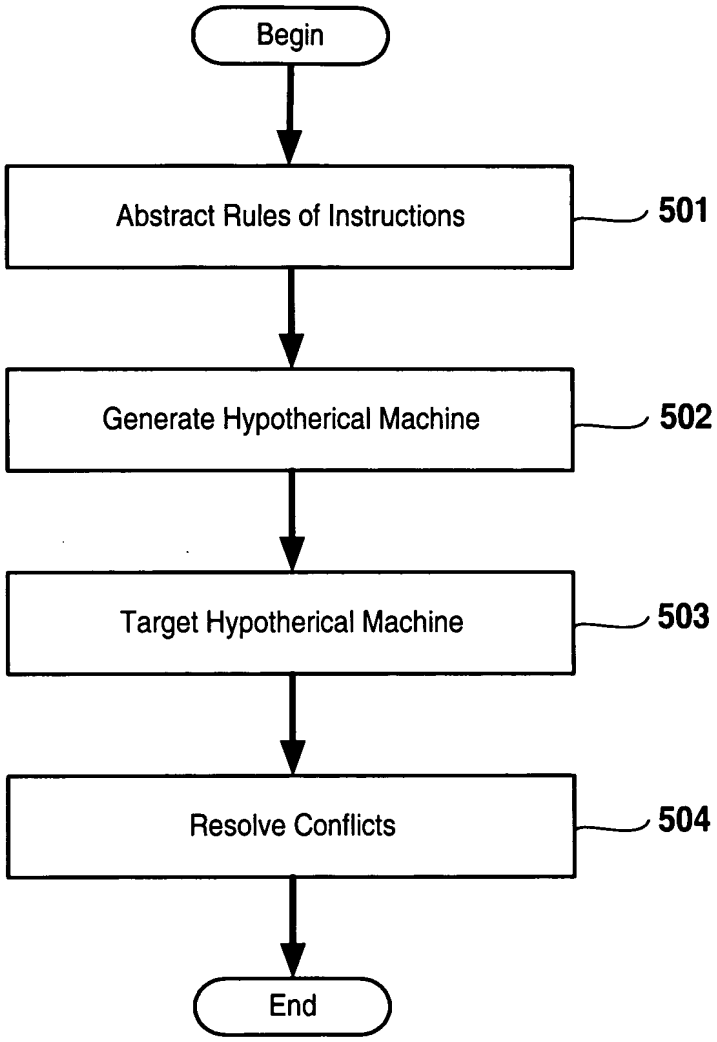
Begin
Abstract Rules of Instructions
501
Generate Hypotherical Machine
502
Target Hypotherical Machine
503
Resolve Conflicts
504
End

FIG. 5